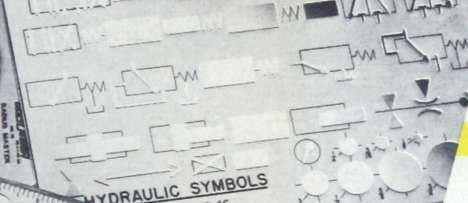




**RAPID DESIGN, INC.**

D R A F T I N G  
**TEMPLATES**



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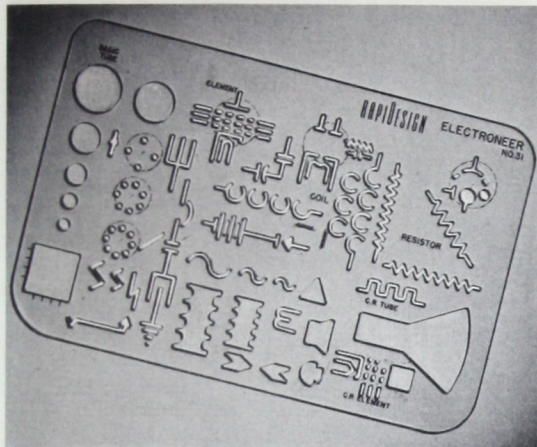


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# electrical . . . .

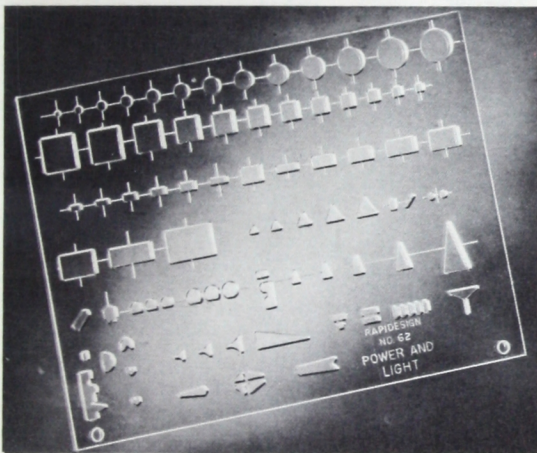
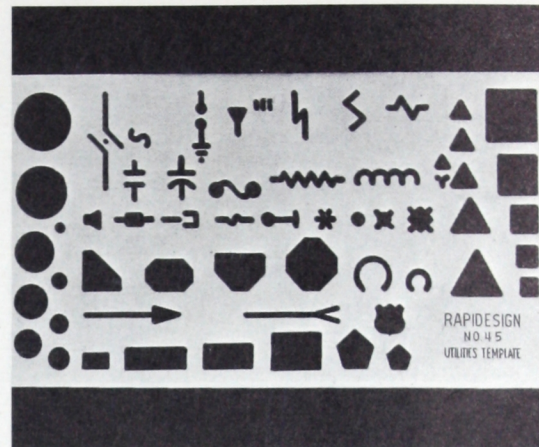


## No. 31 ELECTRONEER

All diagrammatic elements of the electronic and cathode ray tubes are provided for, plus tube bases of the 4, 7 and 8 prong type, in addition to all symbols in the field of electronics. Edges of all symbol cut-outs are beveled. Size 4-1/4" x 6-1/2". THICKNESS .040

## No. 45 ELECTRIC PUBLIC UTILITIES TEMPLATE.

Portrays component parts or elements, such as coils, connections, contacts, instruments, transformers, etc. And can be combined in various ways to represent complete electrical devices. Size 6" x 3-1/4". THICKNESS .030



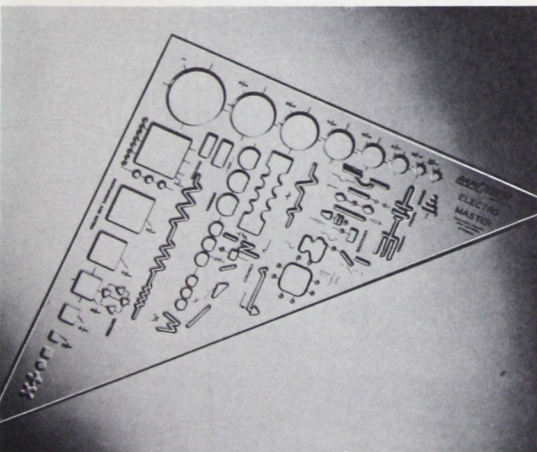
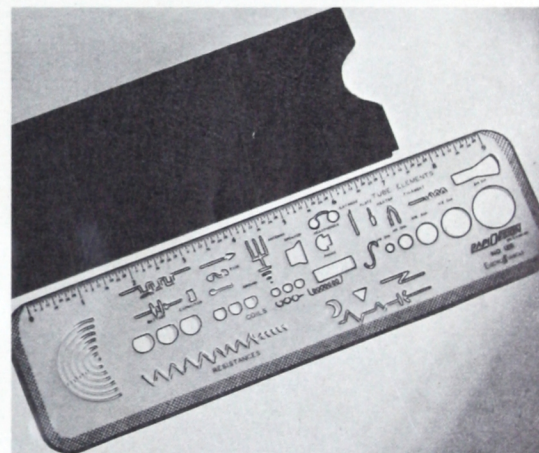
## No. 62 POWER AND LIGHT TEMPLATE

After a design by the Bureau of Reclamation, symbols of equipment that carry the load from the source of power to the consumer.

THICKNESS .060 Size 7-1/2" x 5-1/2"

## No. 128 ELECTROSYMBOL

By simple combination of the various contours, all symbols in the field of electronics can be easily constructed. For radio, electronics and television. Size 2-7/8" x 10" THICKNESS .030



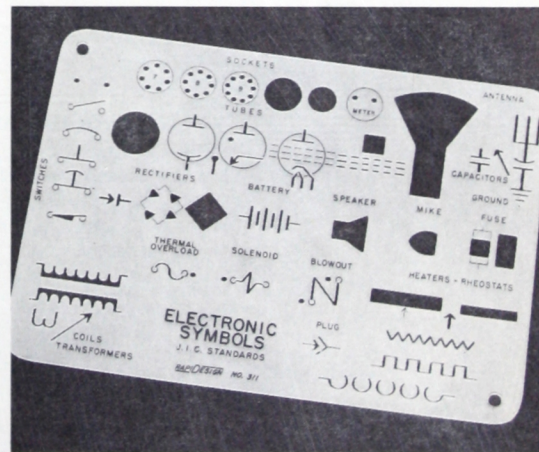
## No. 175 ELECTROMASTER

Electrical symbols shown in the American Standards Association manual Z32.3-1946 as well as other accepted symbols in the utility and power and light fields can be made with this template. 8" 45° triangle, with inner contours beveled.

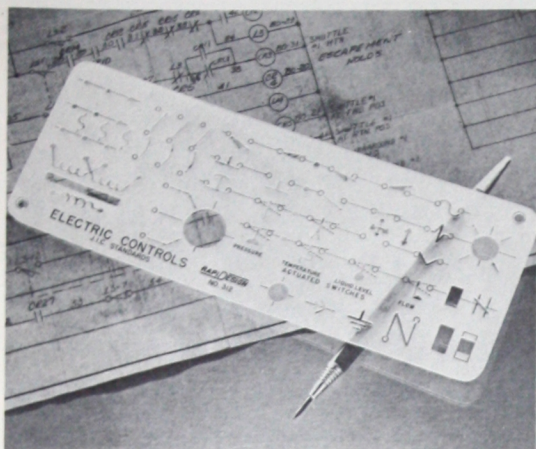
THICKNESS .080

## No. 311 ELECTRONIC J. I. C. TEMPLATE

J. I. C. Electrical Symbols for designers and draftsmen. Size 7" x 5". THICKNESS .030



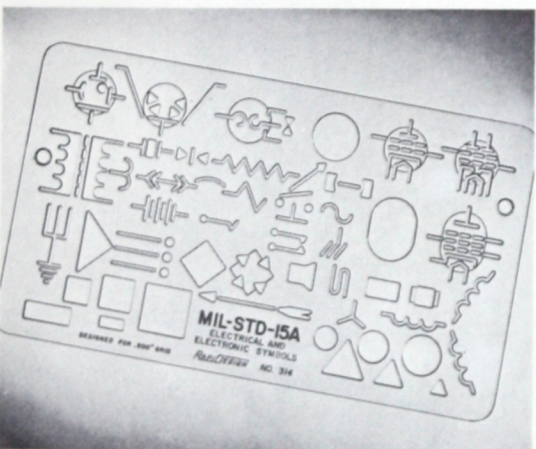




**No. 312 ELECTRIC CONTROLS TEMPLATE** — J. I. C. Standard Symbols to assist in the depiction of circuits in electrically controlled machinery and electric automation of production processes. Size 9" x 3-3/8". THICKNESS .030



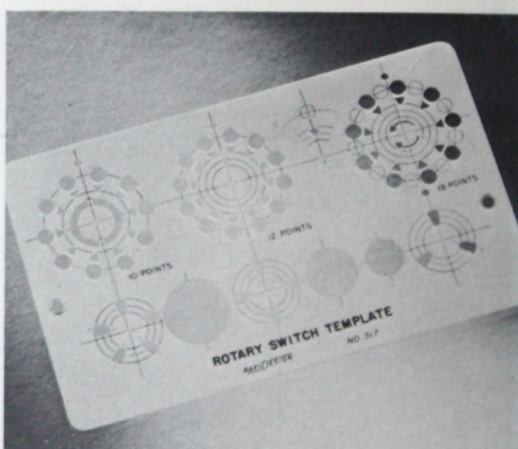
**No. 313 WIRING TEMPLATE** Electrical and electronic symbols conforming to specifications JAN-Std 15 grouped and arranged for greatest ease in drawing. Size 6-1/8" x 7". THICKNESS .030



**NO. 314 MIL-STD. 15A TEMPLATE** — Designed for .200 grid. Size 7" x 4" THICKNESS .040

and

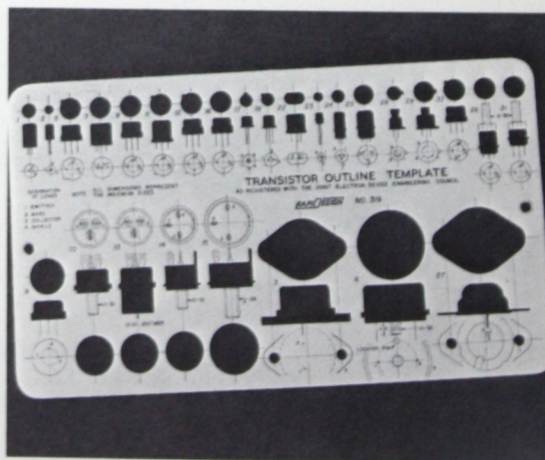
**NO. 315 MIL-STD. 15A TEMPLATE** — Designed for .250 grid. Size 8-3/4" x 5" THICKNESS .040



**NO. 317 ROTARY SWITCH TEMPLATE** — Covers 10, 12 and 18 point rotary switches. Using center hole as a rotating point other combinations can be made. Size 6-3/8" x 3-7/8". THICKNESS .030

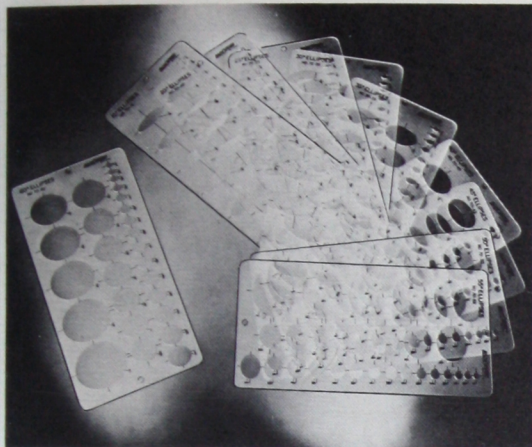
**NO. 319 TRANSISTOR OUTLINE TEMPLATE** 27 sizes of transistors with designating numbers. Sizes and specifications based on the standards registered with Joint Electron Device Engineering Council.

Sizes 9 1/2" x 5 1/2"  
Thickness .030



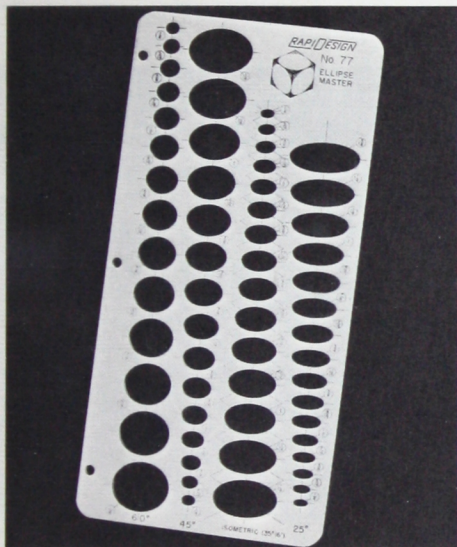
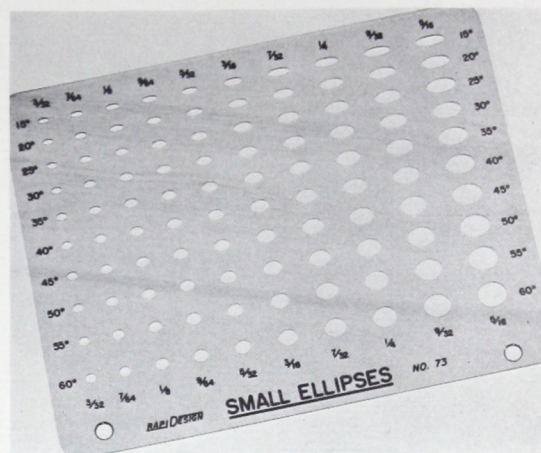


# ellipses....



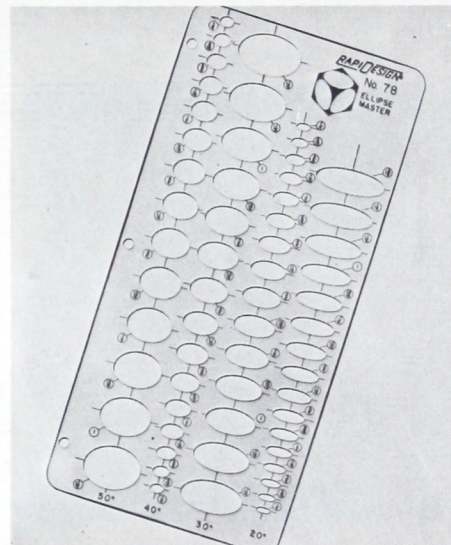
**NO. 70 ELLIPSE SERIES** — 10 templates from 15° to 60° in increments of 5°. Major axes from 1/4" to 2". Size 5" x 9-7/8". THICKNESS .030

**NO. 73 SMALL ELLIPSES TEMPLATE** — 100 Ellipses. 10 projections from 15° to 60° in increments of 5° in ten sizes from 3/32" to 5/16". Size 6" x 4-3/4". THICKNESS .020



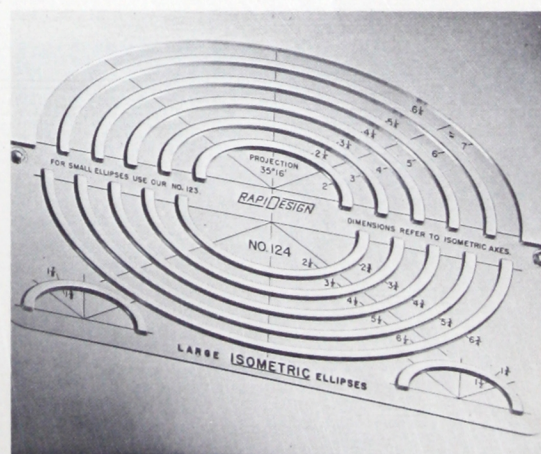
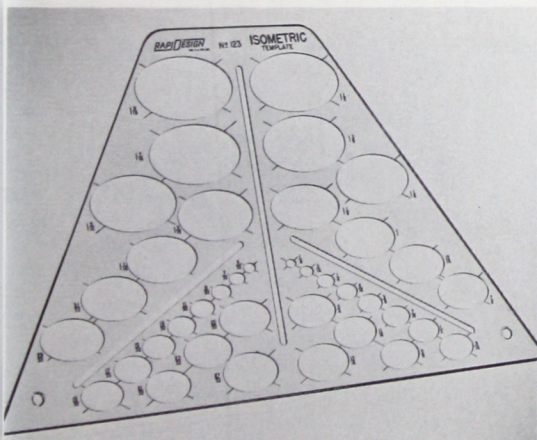
**No. 77 ELLIPSE MASTER**  
Projections of 25°, 35°, 45° and 60°. Contains 60 ellipses ranging in sizes from 1/4" to 1-3/8". Each ellipse precision milled to engraving machine accuracy. Size 5" x 10-7/16". THICKNESS .030

**No. 78 ELLIPSE MASTER**  
Projections of 20°, 30°, 40° and 50°. Contains 60 ellipses ranging in size from 1/4" to 1-3/8". Each ellipse milled to engraving machine accuracy. Size 5" x 10-7/16". THICKNESS .030



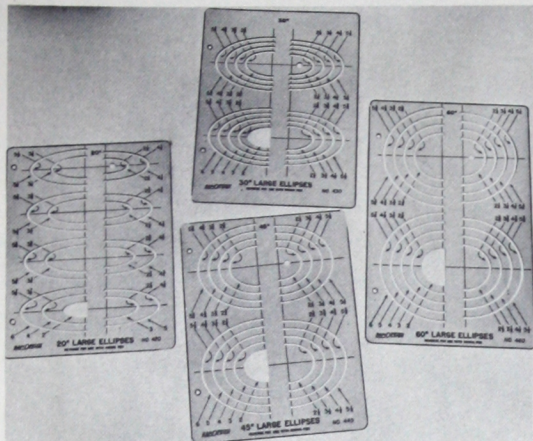
**No. 123 ISOMETRIC TEMPLATE**  
38 Ellipses of 35° 16' from 1/8" to 1-9/16". Ingenious slot arrangement allows drawing of all three axes without turning the template. THICKNESS .040

**No. 124 LARGE ISOMETRIC ELLIPSES** — Twenty-five ellipses — 1-1/2" to 2" in increments of one-eighth inch, 2" to 7" in quarter inch increments. All these ellipses are drawn in halves and lined up on their large axes. Dimensions refer to isometric axes. Actual size is 10" x 6". THICKNESS .080





# ellipses . . . . (continued)



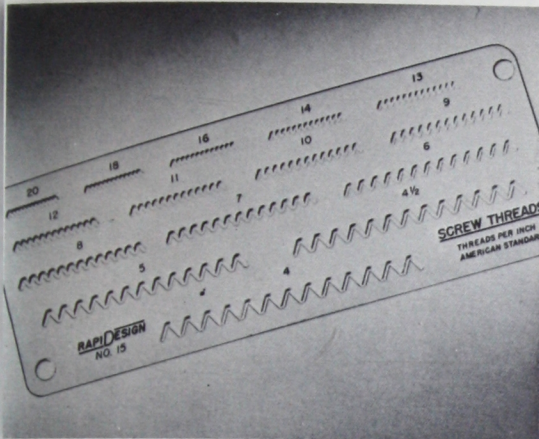
**NO. 400 LARGE ELLIPSES**—Set of 4 templates, 20°, 30°, 45°, 60° projection. Each template has a range of 2" to 6" size diameter, in increments of 1/8". Each template consists of 33 ellipses.  
THICKNESS .060

**No. 401 ELLIPSE SET**—Projections of 20, 30, 45 and 60°. Ellipse sizes are from 3/8" to 2-3/4", major axis. Sizes and center lines are detailed on negative side for permanence. Holes precision-cut with pencil point allowance. Size 4-3/4" x 9-3/4".  
THICKNESS .030



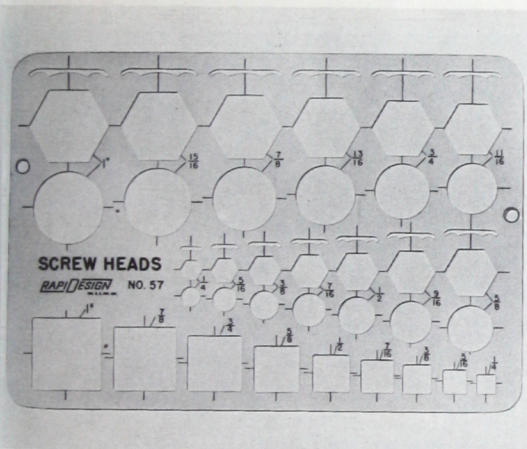
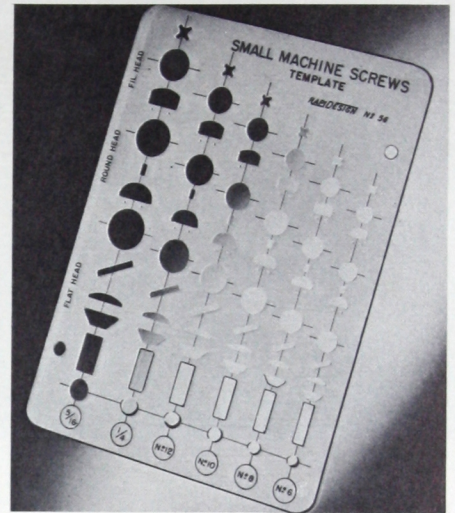


# mechanical engineering....



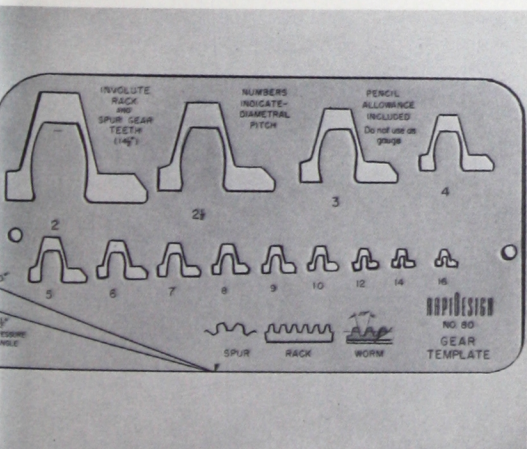
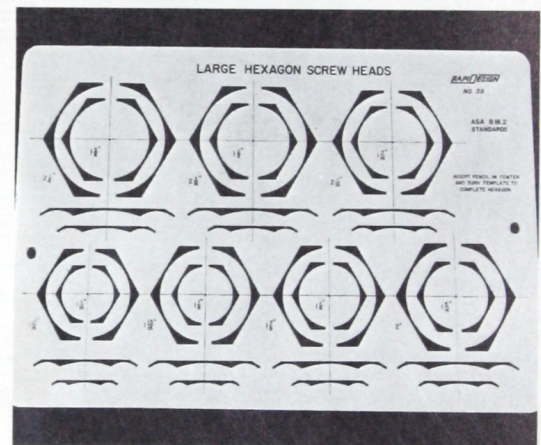
**No. 15 SCREW THREAD TEMPLATE** — Covers the entire range of commonly used American Standard threads from 20 threads per inch to 4 threads per inch. All standard screw diameters from 1/4" to 4". Size 6-7/8" x 2-3/4". THICKNESS .040

**NO. 56 SMALL MACHINE SCREW TEMPLATE** Six common sizes—top and side view. Size 5" x 6 7/8". THICKNESS .030



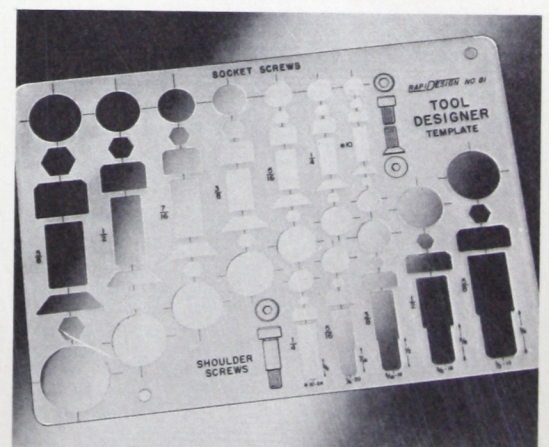
**No. 57 SCREW HEADS TEMPLATE**—Range of the template is from 1/4" to 1" across the flats. Contains 13 hexagons in 1/16" increments, 13 circles to serve as tangent or chamfer circles for the hexagons as well as circles for the screw body diameters. There are 13 cut-outs to draw the hexagon sizes, and 9 square cut-outs for square heads and nuts. Actual size 7-3/8" x 5". THICKNESS .030

**NO. 58 LARGE HEXAGON SCREW HEADS** — ASA B 18.2. 18 Hexes from 1-1/16" to 2-1/4" as measured across flats with corresponding chamfer circles and side elevation of crown of hexnuts. Sizes 7" x 10-3/8" THICKNESS .030

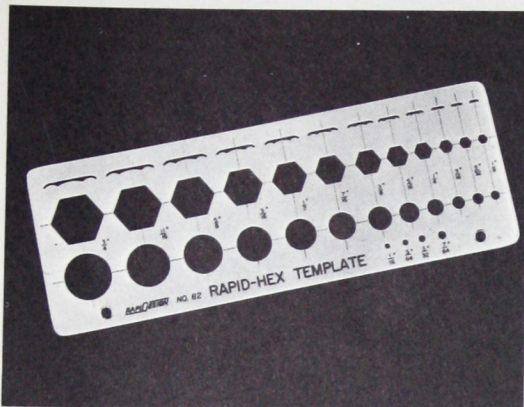


**No. 80 GEAR TEMPLATE** Involute, rack & spur gear teeth. Can also be used to make 29° worm gears. Diametral pitches of 2, 2 1/2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16. Not a gauge. For drawing teeth neatly and accurately. Size 4" x 7-1/4". THICKNESS .030

**NO. 81 TOOL DESIGNER TEMPLATE** Socket screws, shoulder screws, head diameter and wrench size, with front elevation and top view. Size 8 1/2" x 6" THICKNESS .030







## NO. 82 RAPID-HEX TEMPLATE

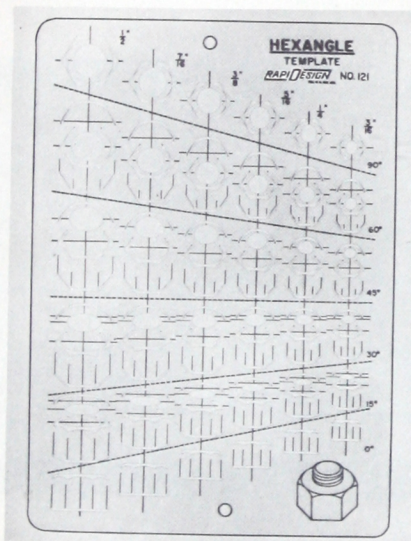
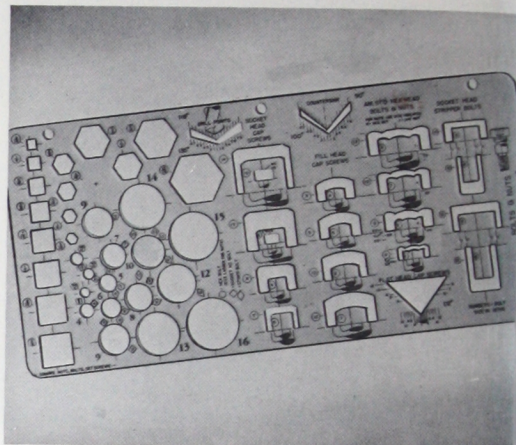
Range of template is  $\frac{1}{8}$ " to  $\frac{3}{4}$ " as measured across the flats. Contains 12 hexagons, circles and chamfer crescents.

Size  $7\frac{7}{8}$ " x  $2\frac{3}{4}$ "

Thickness .030

## NO. 85 NUTS AND BOLTS TEMPLATE.

For drawing fasteners of all descriptions. Elevation views of socket head, flat head and filler head cap screws; American standard hex head and bolts, and socket head stripper bolts including end screws. Drill point and countersink cut-out for angles of  $82^\circ$ ,  $90^\circ$ ,  $100^\circ$ ,  $118^\circ$  and  $135^\circ$ . Size  $5$ " x  $10\frac{7}{16}$ ". THICKNESS .030



## NO. 121 HEXANGLE TEMPLATE

—103 cut-outs. Six screw sizes, from No. 10 to  $1\frac{1}{2}$ ". Six elevations —  $90^\circ$ ,  $60^\circ$ ,  $45^\circ$ ,  $30^\circ$ ,  $15^\circ$  and  $0^\circ$ . Cut-outs arranged so that chamfer circles and flats can be drawn with the hexes. Actual size  $8\frac{1}{2}$ " x  $5\frac{3}{4}$ ".

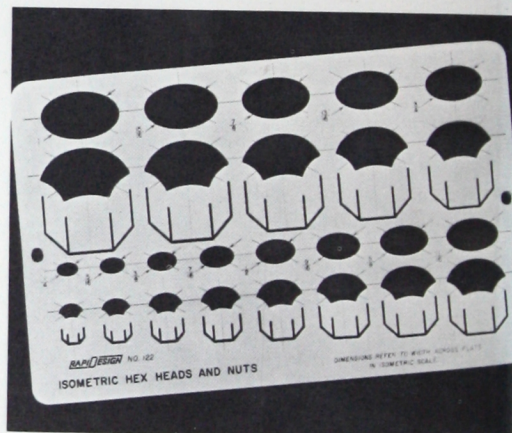
THICKNESS .030

## NO. 122 ISOMETRIC HEX HEADS AND NUTS

— 13 sizes from  $\frac{1}{4}$ " to  $1$ " as measured across the isometric axes, in increments of  $\frac{1}{16}$ ".

Size  $8\frac{3}{16}$ " x  $5\frac{1}{8}$ "

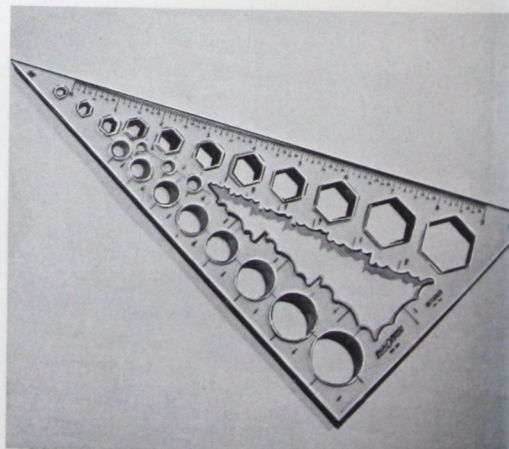
THICKNESS .030



## NO. 201 DETAILER

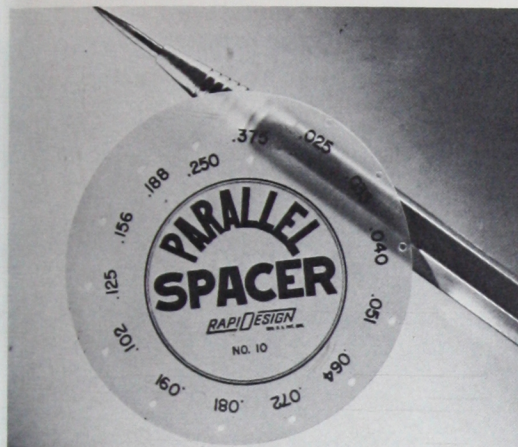
Circles from  $\frac{3}{16}$ " to  $1$ " diameter, together with the plan and side elevations of all standard hexagon cap screws.  $9$ " engineer's scale on hypotenuse of  $30\text{-}60^\circ$  triangle. Holes individually milled and beveled, with allowance for pencil point.

Thickness .080





# general . . . .

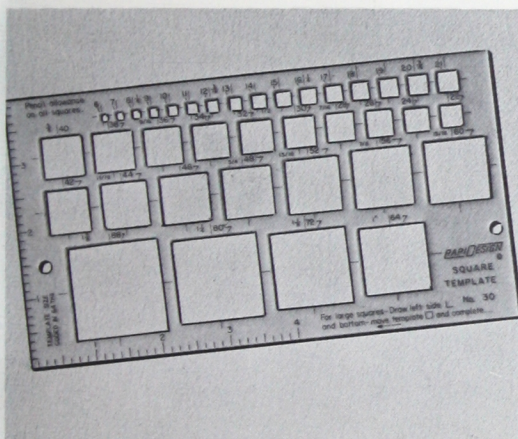
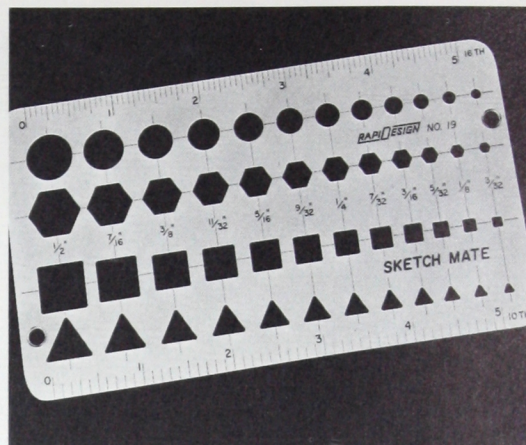


## No. 10 PARALLEL SPACER

To draw straight or curved lines at a desired distance parallel to the edge of a T-Square, straight edge, French or other type curve. 14 gradations from .025 to .375. THICKNESS .030

## NO. 19 SKETCH MATE —

Circles, Hexagons, Squares and Triangles from  $\frac{3}{32}$ " to  $\frac{1}{2}$ ". Two 5" Scales in 10ths and 16ths. Sizes 5-3/4" x 3-1/4" THICKNESS .030

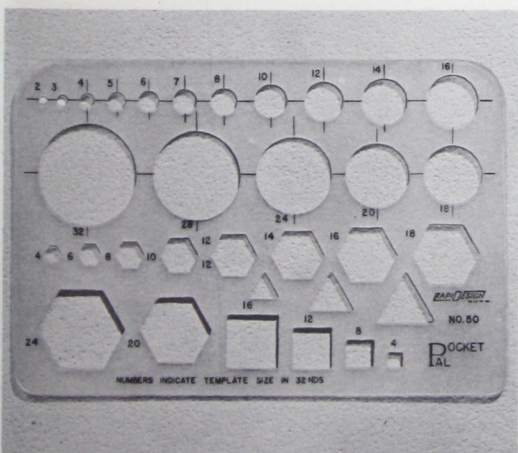
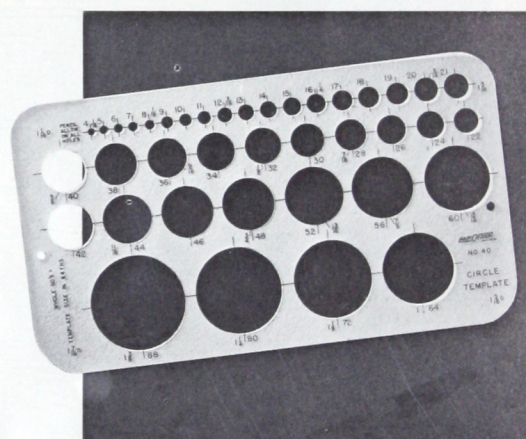


## No. 30 SQUARE TEMPLATE

Square sizes are from  $\frac{1}{16}$ th to  $\frac{11}{32}$ nds in increments of  $\frac{1}{64}$ th of an inch; from  $\frac{3}{8}$ ths to  $\frac{3}{4}$ ths in increments of  $\frac{1}{32}$ nds of an inch; from  $\frac{7}{8}$ ths to 1 inch in increments of  $\frac{1}{16}$ th of an inch; from  $\frac{1}{8}$ th to  $\frac{1}{4}$ th in increments of  $\frac{1}{8}$ th of an inch. Squares up to 4" may be constructed by using the sides. Size 4" x 7-1/4". THICKNESS .030

## No. 40 CIRCLE TEMPLATE

Circle diameter sizes are from  $\frac{1}{16}$ th to  $\frac{11}{32}$ nds in increments of  $\frac{1}{64}$ th of an inch; from  $\frac{3}{8}$ ths to  $\frac{3}{4}$ ths in increments of  $\frac{1}{32}$ nds of an inch; from  $\frac{7}{8}$ ths to 1 inch in increments of  $\frac{1}{16}$ ths of an inch; from  $\frac{1}{8}$ th to  $\frac{1}{4}$ th in increments of  $\frac{1}{8}$ th of an inch. Size 4" x 7-1/4". THICKNESS .030

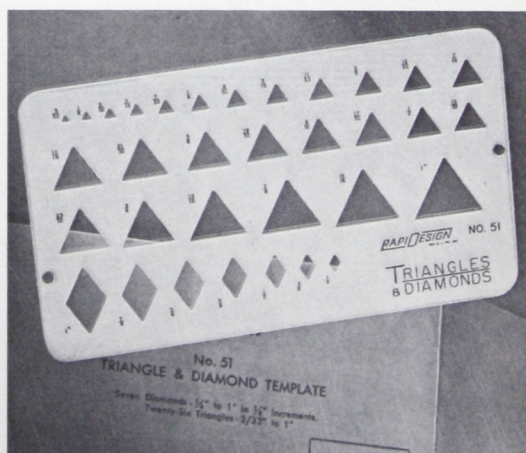


## No. 50 POCKET PAL —

The most useful circles; hexes, deltas and squares. Clearly marked for maximum visibility and speed. Cut-outs scaled from  $\frac{1}{16}$ " up to 1". Size 3-5/16" x 5", with rounded corners. THICKNESS .030

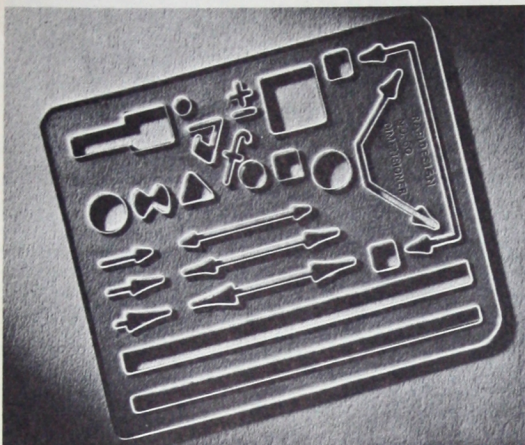
## No. 51 TRIANGLE and DIAMOND TEMPLATE

26 Triangles from  $\frac{3}{32}$ " to 1".  $\frac{3}{32}$ " to  $\frac{3}{4}$ " in increments of  $\frac{1}{32}$ .  $\frac{13}{16}$ " to 1" in increments of  $\frac{1}{8}$ ". 7 Diamonds from  $\frac{1}{4}$ " to 1" in increments of  $\frac{1}{8}$ ". Diamonds up to 2" may be made by using triangles back to back. Size 4" x 7-1/4". THICKNESS .030





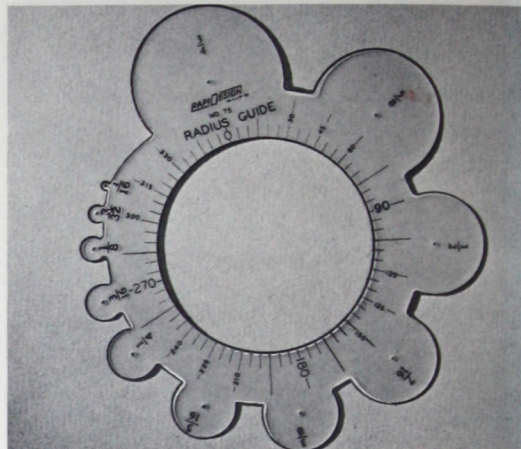
# general . . . . (continued)



## No. 60 DIMENSIONER

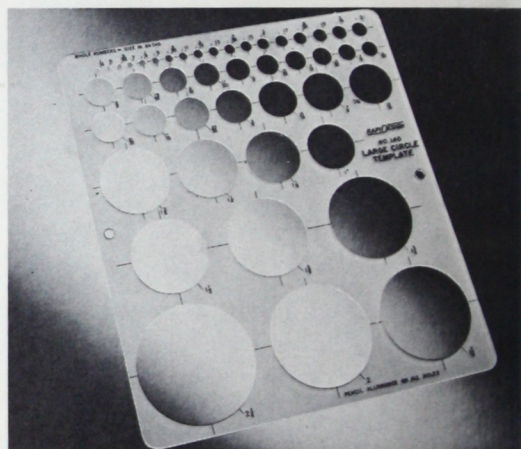
For dimensioning, call outs, and printing. Neatness and uniformity in the drawing of micro-finish, machine-finish, plus or minus tolerance symbols, sectional arrows, zone square, dash-number arrow & circle, and other call out symbols. Size 4" x 3-1/2" THICKNESS .040

**No. 75 RADIUS GUIDE**— Quick, accurate way to describe radii from 1/16" up to 3/4". Center is located automatically when the instrument is placed tangent to the two lines to be joined. Size 4-1/2" approx. THICKNESS .030



**No. 76 RADIUS MASTER**— Radii up to 37/32 by 1/32 increments. Radius point automatically and precisely located by the center holes serving the particular radius. Size of template 4-3/4" x 9-3/4" THICKNESS .030

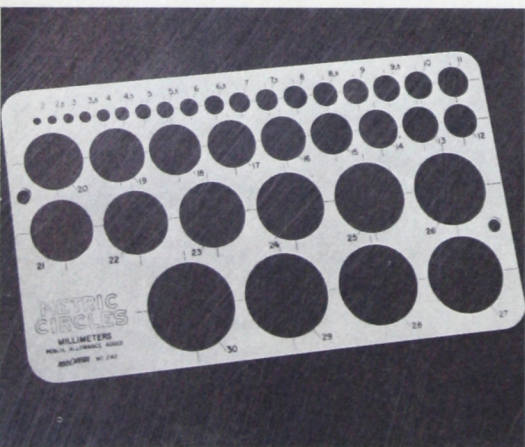
**NO. 140 LARGE CIRCLE TEMPLATE**— Contains 45 circles, diameter size 1/16" to 2-1/4" in varying increasing increments. Size 7-1/4" x 8-1/4". THICKNESS .030



**NO. 240 METRIC CIRCLE TEMPLATE** Thirty-seven circles from 2 to 30 millimeters in diameter.

Circle diameter sizes from 2 to 10 mm in increments of .5 mm, and from 11 to 30 mm in increments of 1 mm.

Size 7" x 4"  
Thickness .030

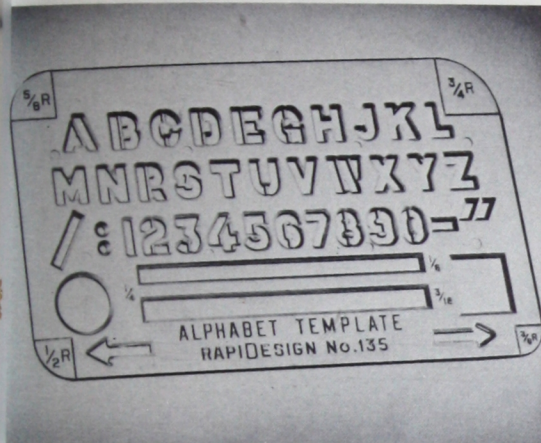


**NO. 540 DECIMAL CIRCLE TEMPLATE** 66 circles from .100" to 1.000" Diameter sizes from .100" to .500" in increments of .010" and from .500" to 1.000" in increments of .020". Increments of .010" and .020" are in horizontal rows, and increments of .100" are in vertical rows. Sizes 6 1/4" x 8 1/4" Thickness .030





# lettering....



## No. 135 ALPHABET TEMPLATE

Block letters 3/8" high with three lettering guide slots for free hand lettering. Actual size 6-1/4" x 3-3/4"

POLYSTYRENE

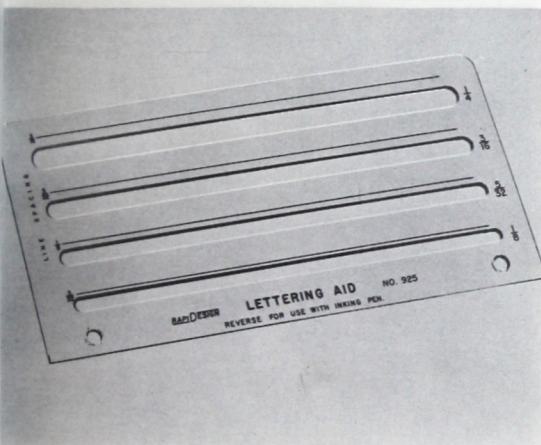
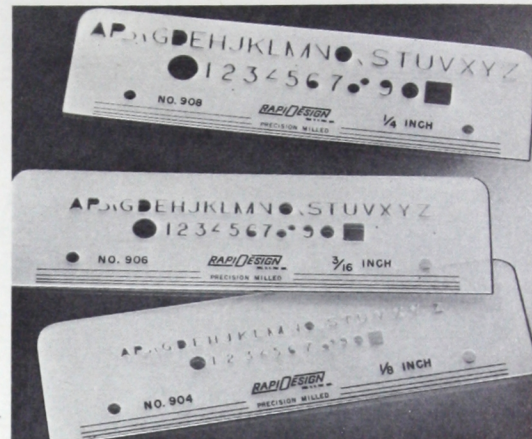
## No. 900 LETTERING SET

The Alphabet in modern type from A—Z plus the numbers.

No. 904—1/8"

No. 906—3/16"

No. 908—1/4" Actual size 6-7/8" x 1-7/8"  
THICKNESS .030



## No. 925 LETTERING AID—Slots

for letter sizes 1/8", 5/32", 3/16" and 1/4". Printed guide lines for equi-distant spacing. Size 6-13/16" x 3-5/16".

THICKNESS .060

## No. 930 SLANT LETTER SET—

Letters are 15° slant from the vertical.

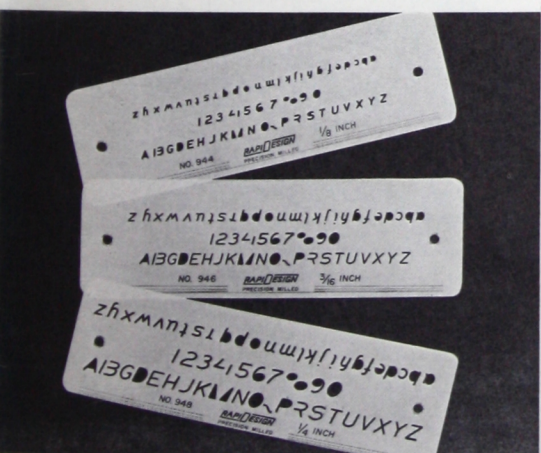
No. 934—1/8"

No. 938—1/4"

No. 936—3/16"

Actual size 6-7/8" x 1-7/8"

THICKNESS .030



## No. 940 HI-LO LETTER SET.

Upper and lower case slant letters and numerals.

No. 944—1/8"

No. 946—3/16"

No. 948—1/4"

Size 7" x 2 1/4"

THICKNESS .030

Each guide ..... \$2.00

Set of 3 in folio \$5.50

## No. 950 LETTERING SET

The alphabet in neo-gothic type.

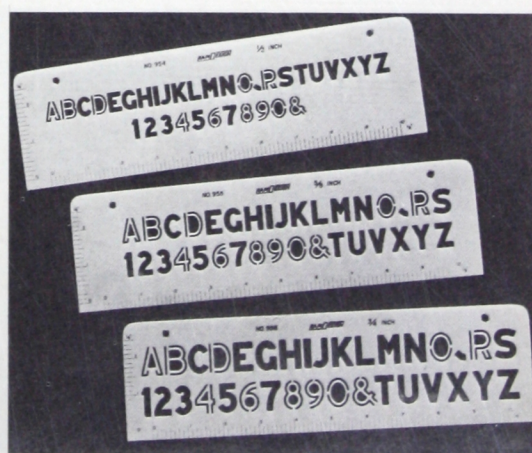
No. 954—1/2"

No. 955—3/8"

No. 956—3/4"

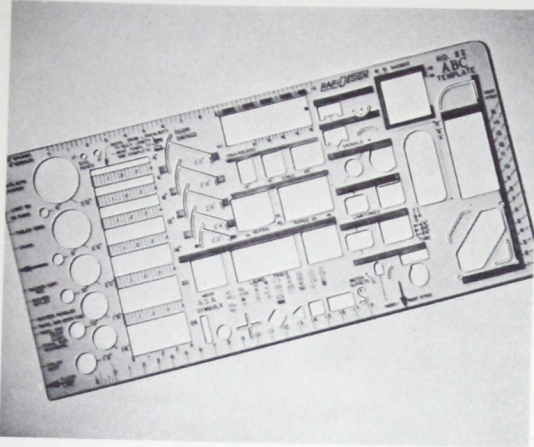
Size 11 1/2" x 3 1/4"

Thickness .030





# architectural....



**No. 22 ABC TEMPLATE**  
For Architects, Builders and Contractors.  
The template that has more than any  
template performing a similar function.  
Scale  $1/4" = 1'$ . Size  $4-1/8" \times 8-3/4"$ .  
THICKNESS .030

## STRUCTURAL CROSSECTIONS

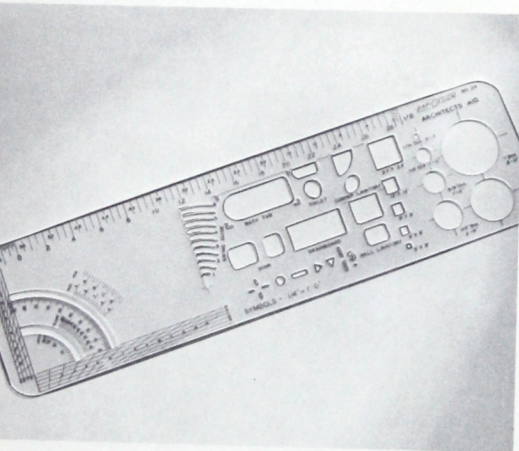
**No. 27** —  $1" = 1 \text{ FOOT}$

**No. 28** —  $3/4" = 1 \text{ FOOT}$

No. 27  $8 1/4" \times 5"$

No. 28  $6" \times 3 3/4"$

THICKNESS .030



## No. 29 ARCHITECTS AID

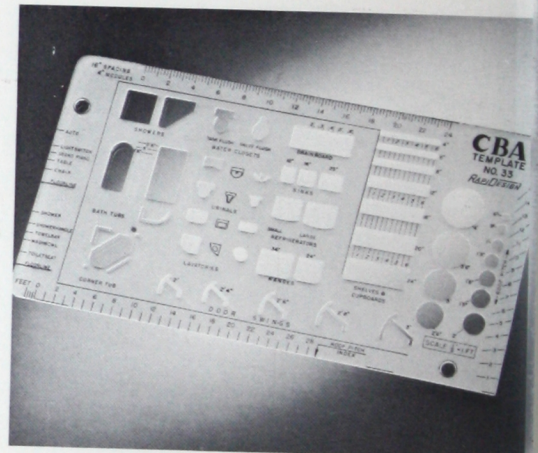
Handy and useful for the architect and  
building contractor. All the most com-  
monly used symbols are quickly and easily  
delineated. Precision smooth cut. Scale  
 $1/4" = 1'$ . Size  $2-3/4" \times 10"$ .

THICKNESS .030

## No. 33 CBA TEMPLATE

For contractors, builders and architects.  
Complements and supplements the No. 22  
ABC Template. Scale  $1/8" = 1'$ . Actual size  
 $6-1/4" \times 3-5/16"$ .

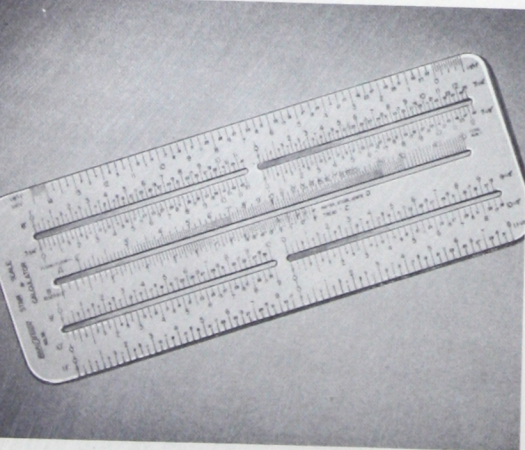
THICKNESS .030



## No. 36 STAIR SCALE AND CALCULATOR

Combines 10 im-  
portant scales for quickly spacing stair  
risers and treads, rafters, studs, joists,  
etc. Also an accurate architects' scale and  
a quick, precise calculator for computing  
all factors in stair planning. All scales  
are calibrated  $1/8"$ ,  $1/4"$ , and  $1/2"$  to  $1'$ .  
Printing and calibrations between two  
sheets of Vynlite for absolute protection  
against wear. All edges beveled and  
polished. Size  $3-1/2" \times 10"$ .

THICKNESS .060

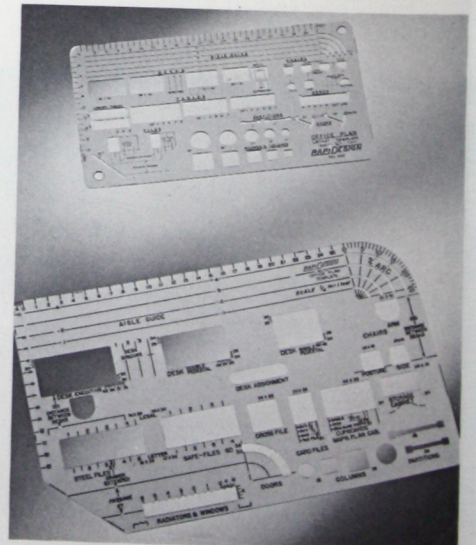


## No. 610 OFFICE PLAN LAYOUT TEMPLATE

in  $1/8"$   
scale. Easy depiction of most office furni-  
ture and equipment. Size  $6" \times 5-3/8"$ .  
THICKNESS .030

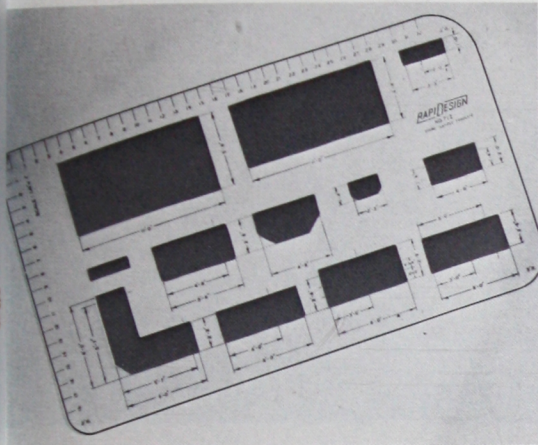
## No. 710 SPEEDI-PLAN

Office layout and work flow. For efficient  
layout and visual representation of paper  
work flow. Scale  $1/4" = 1'$ . Size  $5" \times 8"$ .  
THICKNESS .030



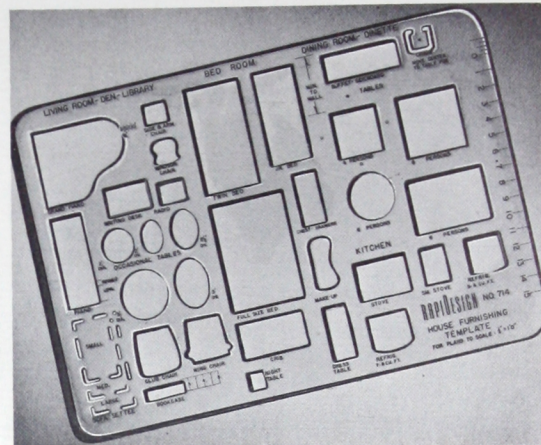


# architectural . . . . (continued)

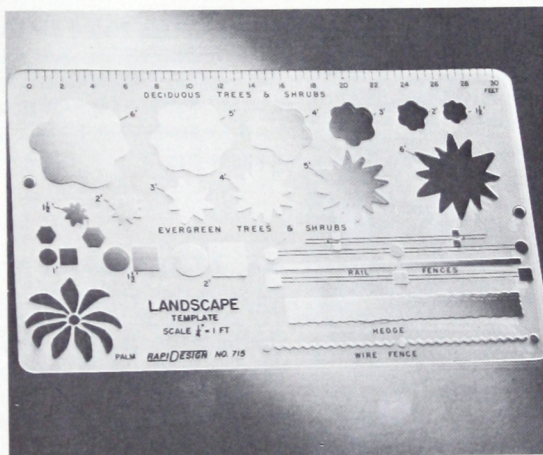


**No. 712 STORE LAYOUT TEMPLATE** — Has most standard sized counters and tables for use in laying out store display cases, counters, etc. Scale  $1/4" = 1'$ . Size  $5-3/16" \times 9-3/16"$ . THICKNESS .030

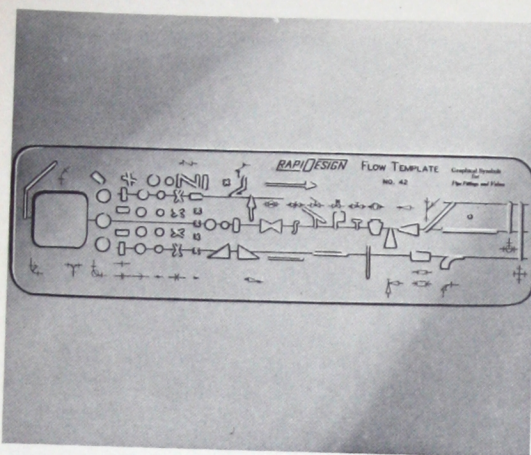
**No. 714 HOUSE FURNISHING TEMPLATE** — To plan your furniture and appliance arrangement before or after the house is completed or when furniture re-arrangement is contemplated. Scale  $1/4" = 1'$ . Size  $8" \times 5-1/2"$ . THICKNESS .030



**NO. 715 LANDSCAPE TEMPLATE** For scaled drawings of the common shapes and enclosures for landscape lay-outs. Scale  $1/4" = 1$  FT. Size  $7-3/4" \times 5"$ . THICKNESS .030







## No. 42 FLOW TEMPLATE

For pipe and plumbing layout—gas, oil, water or chemical. Group configurations can be constructed by merely sliding the instrument along the straight edge. Edges of all symbol cut-outs are beveled.

Size 3" x 10"

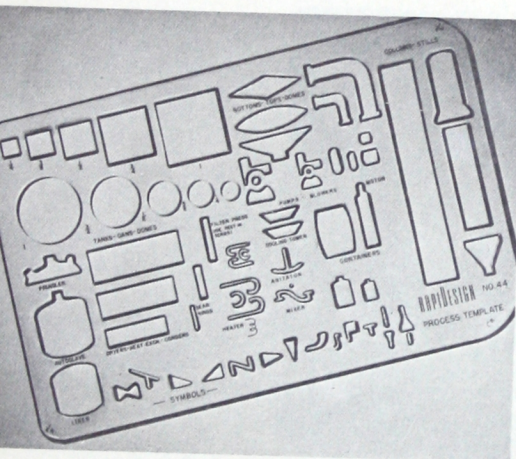
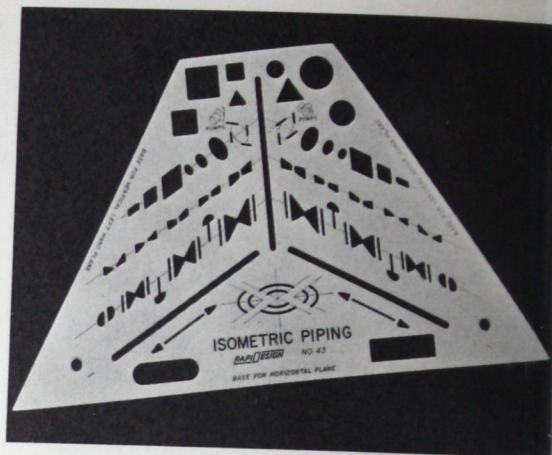
THICKNESS .040

## No. 43 ISOMETRIC PIPING—

Facilitates easily understood perspective drawings in construction work of refineries, gas and water distribution systems, sprinklers and other complicated piping work. Contains symbols of all components of piping systems—valves, flanges, elbows, reducers, caps and pumps. Template can be tilted three ways, one for each of the three planes of a perspective view.

Size 5-1/4" x 8-1/2"

THICKNESS .030



## No. 44 PROCESS TEMPLATE

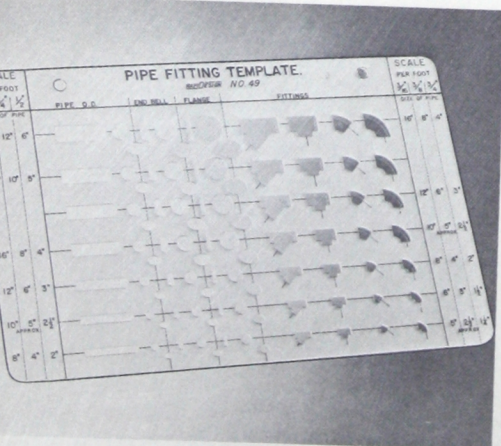
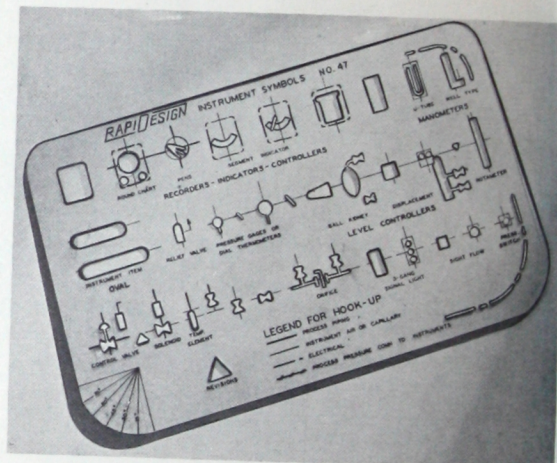
For the depiction of flow sheet diagrams in the chemical, foods, petroleum, plastic and allied industries. Edges of all symbol cut-outs are beveled. Size 5" x 8".

THICKNESS .040

## No. 47 INSTRUMENT SYMBOLS

For delineation of laboratory recording instruments—manometers, relief valves, pressure gauges, indicators, signal lights, solenoids, etc. Size 5" x 8". Developed by Instrument Section, Design Division of duPont Company's Engineering Department.

THICKNESS .040



## No. 49 PIPE FITTING TEMPLATE

For Layout and detail drawings of Piping Systems. Size 8" x 5 1/4".

THICKNESS .030

## FERROUS FLANGED VALVES—

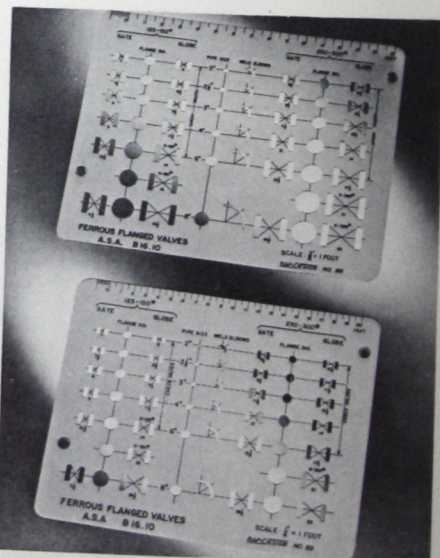
No. 88 3/8" = 1 Foot

No. 89 1/4" = 1 Foot

ASA B16.10 Valves Standard. Sizes from 2" to 8" pipe diameter—Both light and heavy series. Size — No. 88 - 6-1/2" x 5-3/8"

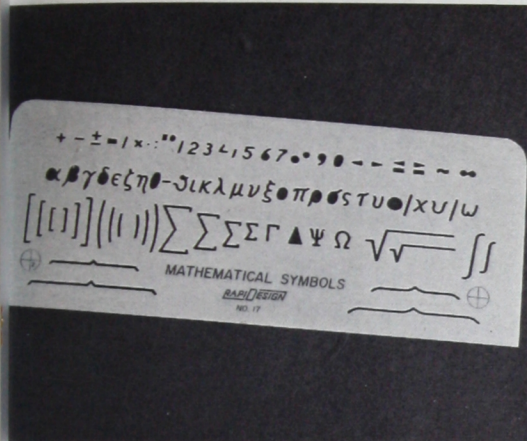
No. 89 - 6-1/4" x 5"

THICKNESS .030





# miscellaneous specialized....



## NO. 17 MATHEMATICAL TEMPLATE

This template contains all mathematical symbols including parentheses, brackets, root symbols, integrals, different sizes and types of brackets, the numbers, small Greek alphabet and some of the capital Greek letters used in mathematical and chemical formulae.

Size 3" x 8"

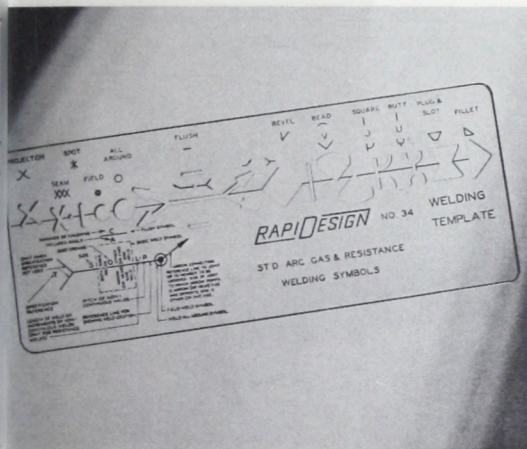
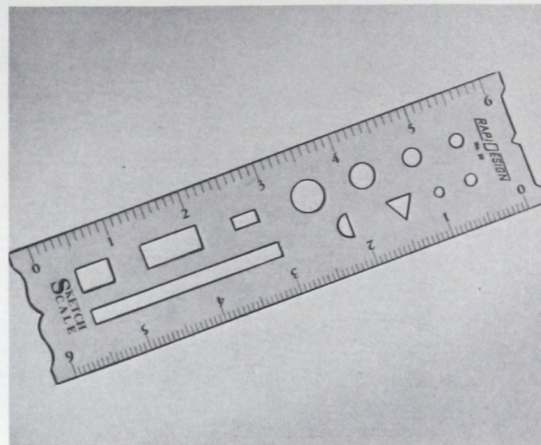
THICKNESS .030

## No. 20 SKETCH SCALE

A handy transparent pocket rule, scaled in 10ths and 16ths with common cut-outs for making field sketches and other drawings.

Size 6-1/2" x 1-3/4"

THICKNESS .030



## No. 34 WELDING TEMPLATE

Standard arc, gas and resistance welding symbols. Makes clear accurate symbols quickly and neatly.

Size 6-3/4" x 2-3/4"

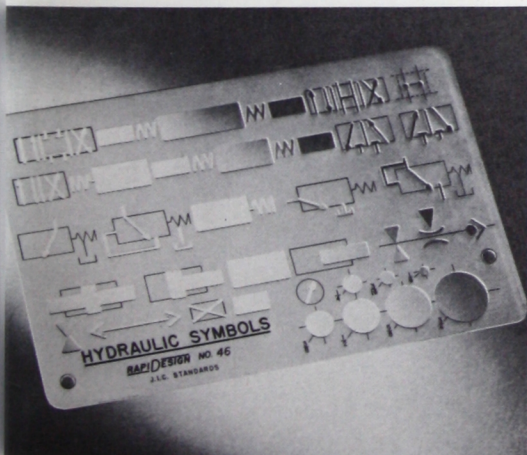
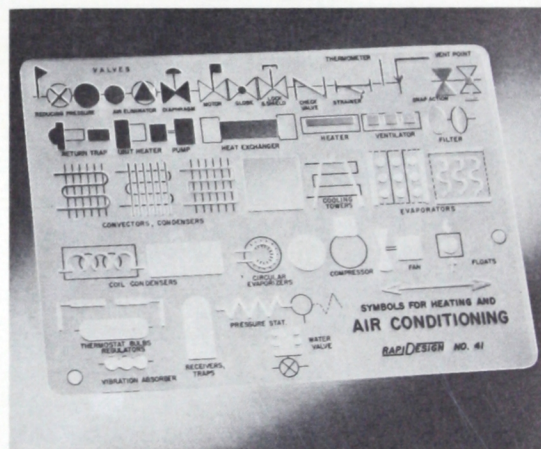
THICKNESS .030

## NO. 41 HEATING AND AIR CONDITIONING TEMPLATE

Symbols for heating and air conditioning derived from ASA Z32.2.3 and ASA Z3.2.4.

Size 7" x 5"

THICKNESS .030



## No. 46 HYDRAULIC SYMBOLS

— J. I. C. Standard of industrial hydraulic symbols for designing of hydraulic circuits. Size 7" x 4-1/2"

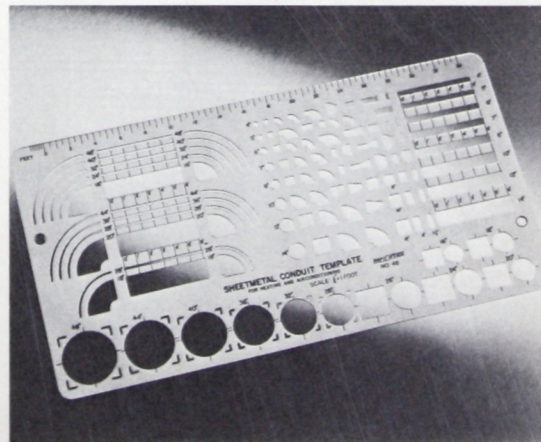
THICKNESS .030

## NO. 48 SHEETMETAL CONDUIT TEMPLATE

Designed to facilitate layout of sheetmetal conduits for heating and air conditioning. Covers all sizes between 4" and 48". Crosssections, either round or square.

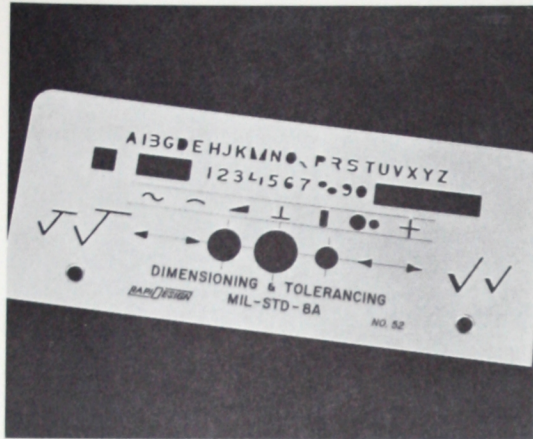
Size 9-3/4" x 5-1/4"

THICKNESS .030



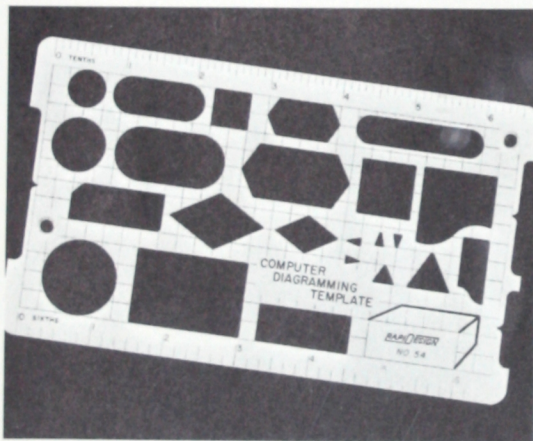
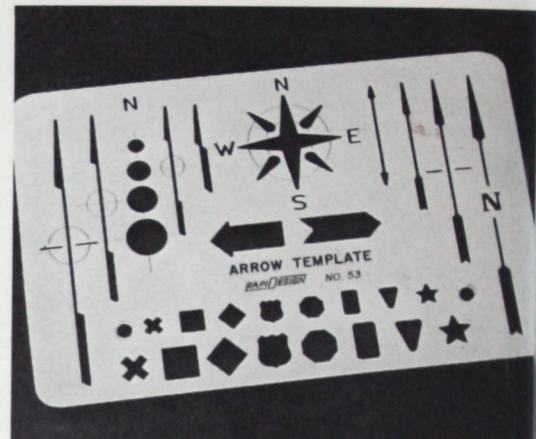


# miscellaneous specialized . . . . (continued)



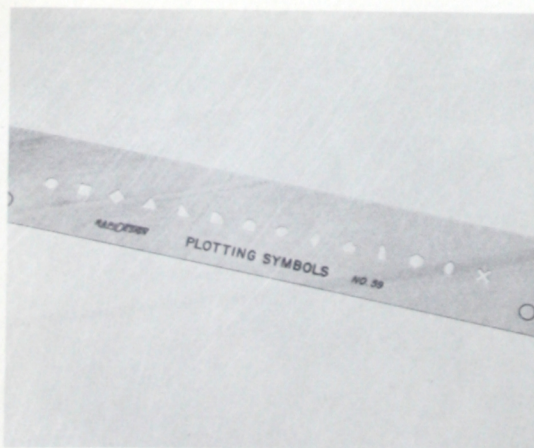
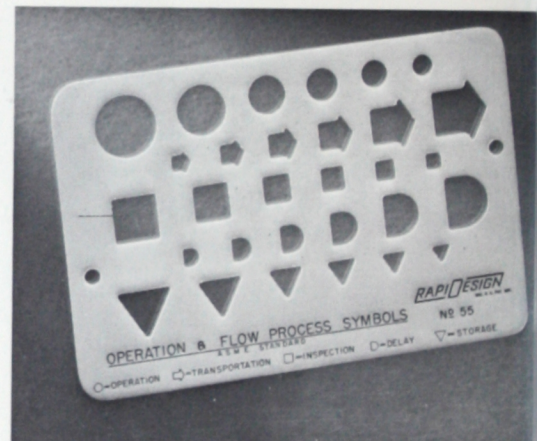
**NO. 52 MIL-STD-8A DIMENSIONING & TOLERANCING SYMBOLS** denoting specifications of surface characteristics produce sizes of Rectangles and Circles for use with the symbols. AND a complete ALPHABET in  $\frac{1}{4}$ " Size. AND ARROWHEADS and STANDARD FINISHING SYMBOLS.  
Size  $6\frac{1}{4}$ " x  $2\frac{1}{4}$ "  
THICKNESS .030

**NO. 53 ARROW TEMPLATE.** Arrows and North Indicators and two sizes of Traffic and Road-sign Markers.  
Size 6" x 4"  
THICKNESS .030



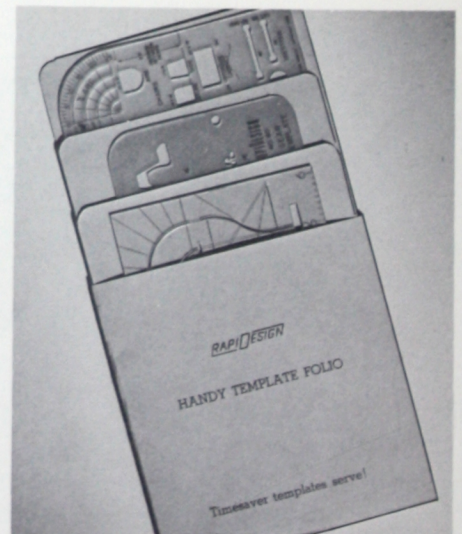
**NO. 54 COMPUTER DIAGRAMMING TEMPLATE** Two sizes of symbols for decisions, switches, operations, modifications, drum storage, desk files, consoles, exceptions, etc.  
Size 7" x 4"  
Thickness .030

**NO. 55 OPERATION AND FLOW PROCESS TEMPLATE** Symbols are given in six most desired sizes. Can be used for operation and flow process charts in the factory and the office. Actual size of the template is  $5\frac{3}{8}$ " x  $3\frac{3}{4}$ ".  
THICKNESS .030



**NO. 59 PLOTTING SYMBOLS**—For symbols by flight test and Data Deduction Engineers in making graphs, sketches and plotting curves. Made of amber colored mathematical quality plastic.  
Size  $6\frac{3}{4}$ " x  $1\frac{1}{4}$ ".  
THICKNESS .020

**HANDY TEMPLATE FOLIO** Designed exclusively for Rapidesign for convenient storage of templates. Four interlining pockets allow storage of sizes from  $10\frac{7}{16}$ ths x  $5\frac{1}{2}$  inches down. For the man who likes to keep his templates.





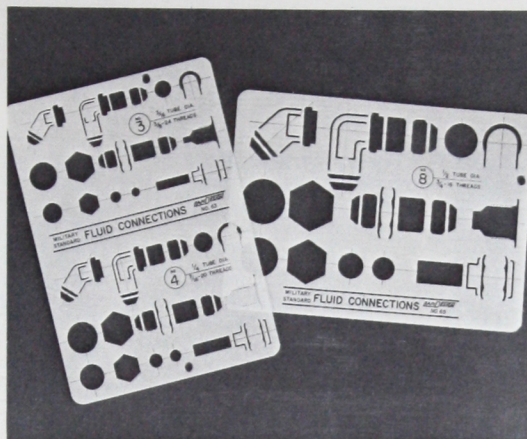
# miscellaneous specialized . . . (continued)

**No. 63 — MIL - STD** Tube Sizes  
No. 3 and No. 4

No. 3  $\frac{3}{16}$  Tube Diameter— $\frac{3}{8}$  - 24 Threads  
No. 4  $\frac{1}{4}$  Tube Diameter— $\frac{7}{16}$  - 20 Threads

**No. 64 — MIL - STD** Tube Sizes  
No. 5 and No. 6

No. 5  $\frac{5}{16}$  Tube Diameter— $\frac{1}{2}$  - 20 Threads  
No. 6  $\frac{3}{8}$  Tube Diameter— $\frac{5}{8}$  - 18 Threads



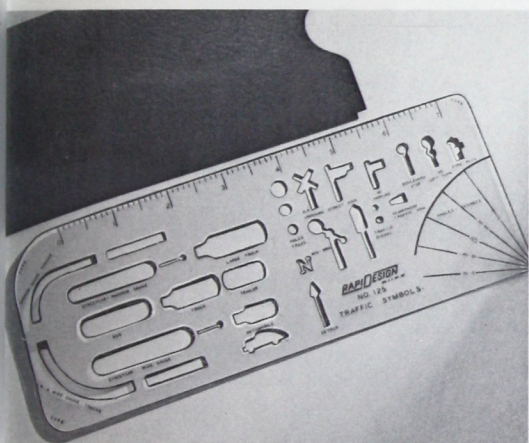
**No. 65 — MIL - STD** Tube Size  
No. 8  $\frac{1}{2}$  Tube Diameter— $\frac{3}{4}$  - 16 Threads

**No. 66 — MIL - STD** Tube Size  
No. 10  $\frac{5}{8}$  Tube Diameter— $\frac{7}{8}$  - 14 Threads

**No. 67 — MIL - STD** Tube Size  
No. 12  $\frac{3}{4}$  Tube Diameter— $1\frac{1}{8}$  - 12 Threads

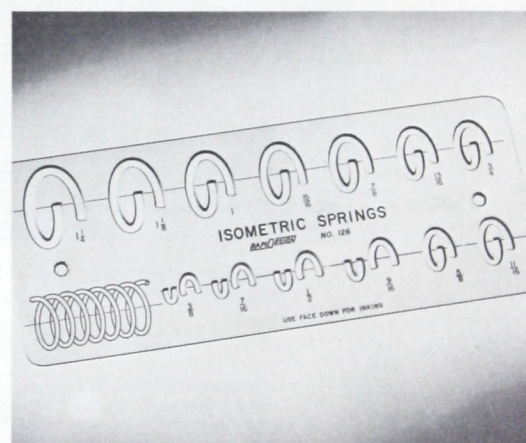
## No. 125 TRAFFIC SYMBOLS

Most commonly used traffic symbols employed in insurance company and police department accident forms. Uniformity and neatness where they count most in telling the story. Size  $3\frac{3}{16}$ " x  $8\frac{5}{16}$ ". THICKNESS .030



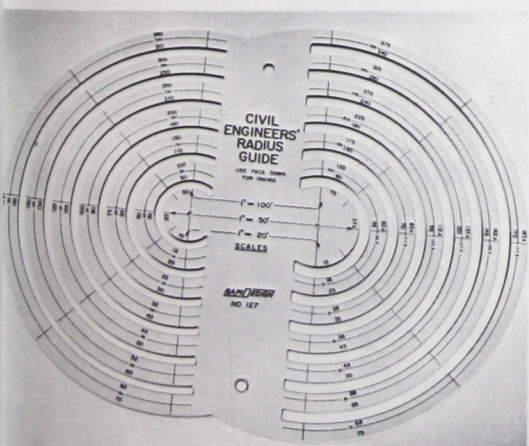
## No. 126 ISOMETRIC SPRINGS

—Helical Springs as shown in perspective views. 13 sizes from  $\frac{3}{8}$ " O.D. to  $1\frac{1}{4}$ " O.D.  
Size  $8\frac{1}{4}$ " x  $3\frac{1}{4}$ "  
THICKNESS .060



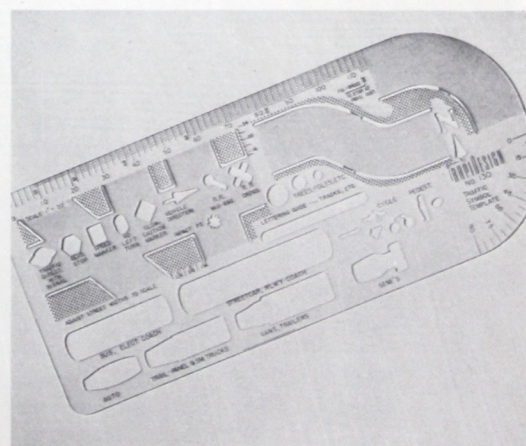
## No. 127 CIVIL ENGINEERS' RADIUS GUIDE

—26 radii can be drawn and 12 additional radii can be used for center locating. Markings are in scale of 20', 50' and 100' to the inch. Sizes  $9\frac{1}{2}$ " x  $7\frac{1}{2}$ "  
THICKNESS .060



## No. 130 TRAFFIC SYMBOLS

Similar in function to the No. 125, but with emphasis on general rather than rail accident reporting. Size  $3\frac{7}{16}$ " x 8". THICKNESS .030



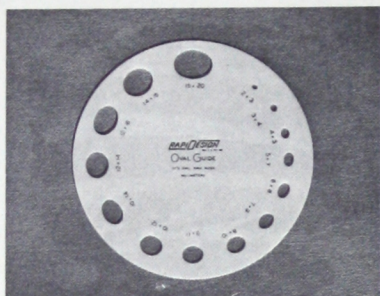


# GUIDE STONE GAUGES IN STANDARD MILLIMETER SIZES

These popular gauges for both cabochon and faceted stones allow anyone to cut gems to sizes and shapes universally used in jewelry.

The cutter can choose from crosses, cushions, cushion antiques, emerald cuts, hearts, octagons, ovals, or rounds, and can choose the correct brilliancy angles for the material used.

The gauges are made of heavy special plastic, more abrasive resistant than hardened steel, machined to close tolerances for accurately sizing and shaping the stone, and will not bend so as to distort the openings.



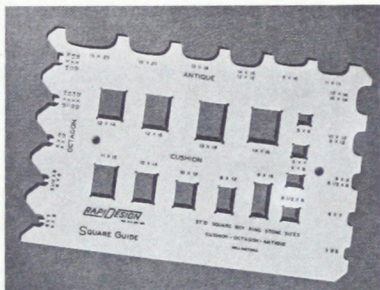
**OVAL GUIDE NO. 1010**

**OVAL GUIDE NO. 1010**  
Standard jewelry ringstone sizes for commercial mountings.

**OVAL GUIDE NO. 1011**  
Standard costume ringstone and brooch sizes for agate and regular jewelry mountings.



**OVAL GUIDE NO. 1011**



**SQUARE GUIDE NO. 1012**

**SQUARE GUIDE NO. 1012**  
Standard cushion, cushion antique and octagon shapes for box, prong, and open mountings in standard and costume jewelry sizes.

To use for cushions: Cut stone so that the length and width fit the rectangular opening of the size desired.  
To use for octagons: Cut the corner of a cushion shaped stone until the stone placed into the opening, on the left hand side of the gauge, just touches the peg in the bottom of the notch which has the same size marked under it as was on the cushion size first used. Do the same to the other three corners.  
To use for cushion antiques: Shape the cushion shaped stone to the cushion antique cutout, on the top or right hand side of the gauge, which has the same marked size as the cushion size used. Now shape the other half of the stone.

**HEART & CROSS GUIDE NO. 1013**  
Standard religious cross and classic heart shapes arranged for easy use in the six common sizes.



**HEART & CROSS GUIDE NO. 1013**

**BRILLIANT GUIDE NO. 1014**

Standard round and brilliant sizes by stone size, millimeter size, pearl size, and the equivalent carat weight diamond size, complete with the correct angles for both the crown and pavilion main facets arranged according to the index of refraction of various gem materials, makes this Guide Stone Gauge the handiest gauge devised for round brilliant cuts. To use: Drop stone and round to size. Cut a pair opposing main facets. Place the still dopped stone into the V of the gauge which lists the nearest index of refraction to the material used and check the included angle. Correct machine or jamb peg until the angle is correct.



## SPECIAL TEMPLATES

We make templates to order for individual drafting room use, and for sales-aids. These templates cannot be made save in such quantities as to amortize tooling costs to bring unit cost down to a reasonable figure.



# CANADIAN PRICE LIST

TEMPLATE NO.	DESCRIPTION	PRICE	TEMPLATE NO.	DESCRIPTION	PRICE
<b>ELECTRICAL</b>					
31	Electroneer . . . . .	\$3.30	930	Slant Letter Set (3) . . . . .	\$4.40
45	Public Utilities . . . . .	2.75		Separately, each . . . . .	1.65
62	Light & Power . . . . .	5.50	940	Hi-Lo Letter Set (3) . . . . .	6.05
128	Electrosymbol . . . . .	2.20		Separately, each . . . . .	2.20
175	Electromaster . . . . .	4.40	950	Lettering Set (Set of 3) . . . . .	7.70
311	J I C . . . . .	3.30		Separately, each . . . . .	2.75
312	Electric Control . . . . .	2.75	<b>ARCHITECTURAL</b>		
313	Wiring . . . . .	2.75	22	A B C . . . . .	2.75
314	Mil Standard 15A . . . . .	4.40	27	Structural Shapes . . . . .	3.30
315	Mil Standard 15A . . . . .	4.40	28	Structural Shapes . . . . .	3.30
317	Rotary Switch . . . . .	2.75	29	Architects Aid . . . . .	2.20
319	Transistor Outline . . . . .	3.30	33	C B A . . . . .	2.75
<b>ELLIPSES</b>			36	Stair Scale . . . . .	2.20
70	Ellipse Series (Set of 10) . . . . .	20.35	610	Office Plan . . . . .	1.75
	Separately, each . . . . .	2.20	710	Speedi-Plan . . . . .	1.75
73	Small Ellipses . . . . .	2.75	712	Store Layout . . . . .	1.95
77	Ellipse Master . . . . .	2.75	714	House Furnishing . . . . .	2.20
78	Ellipse Master . . . . .	2.75	715	Landscape . . . . .	2.75
123	Isometric . . . . .	3.30	<b>PROCESSING</b>		
124	Large Isometric . . . . .	5.50	42	Flow . . . . .	3.85
400	Large Ellipse Set (4) . . . . .	16.50	43	Isometric Piping . . . . .	4.15
	Separately, each . . . . .	4.40	44	Process . . . . .	3.85
401	Ellipse Sets (4) . . . . .	8.25	47	Instrument Symbols . . . . .	3.85
	Separately, each . . . . .	2.20	49	Pipe Fittings . . . . .	2.75
<b>MECHANICAL ENGINEERING</b>			88	Ferrous Flanged Valves . . . . .	2.75
15	Screw Threads . . . . .	2.75	89	Ferrous Flanged Valves . . . . .	2.75
56	Small Machine Screws . . . . .	2.75	<b>MISCELLANEOUS SPECIALIZED</b>		
57	Screw Heads . . . . .	2.20	17	Mathematical . . . . .	3.30
58	Large Hexagon Screw Heads . . . . .	3.30	20	Sketch Scale . . . . .	.55
80	Gear . . . . .	2.20	34	Welding . . . . .	1.40
81	Tool Design . . . . .	3.30	41	Air Conditioning . . . . .	3.30
82	Rapid-Hex . . . . .	1.65	46	Hydraulic . . . . .	3.30
85	Nuts & Bolts . . . . .	3.85	48	Sheetmetal Conduit . . . . .	5.50
121	Hexangle . . . . .	4.40	52	Mil Std 8A . . . . .	2.75
122	Isometric Hex Head & Nuts . . . . .	3.85	53	Arrow . . . . .	2.75
201	Detailer . . . . .	3.70	54	Computer Diagramming . . . . .	2.75
<b>GENERAL</b>			55	Operation & Flow . . . . .	1.65
10	Parallel Spacers . . . . .	.55	59	Plotting Symbols . . . . .	1.10
19	Sketch Mate . . . . .	1.65	63	Fluid Connections . . . . .	3.30
30	Square . . . . .	1.10	64	Fluid Connections . . . . .	3.30
40	Circle . . . . .	1.10	65	Fluid Connections . . . . .	2.20
50	Pocket Pal . . . . .	1.10	66	Fluid Connections . . . . .	2.20
51	Diamond & Triangle . . . . .	1.65	67	Fluid Connections . . . . .	2.20
60	Dimensioner . . . . .	1.10	125	Traffic . . . . .	2.20
75	Radius Guide . . . . .	.85	126	Isometric Spring . . . . .	3.30
76	Radius Master . . . . .	1.65	127	Civil Engrs. Radius Guide . . . . .	3.85
135	Alphabet . . . . .	1.65	130	Traffic . . . . .	2.20
140	Large Circle . . . . .	2.20	1010	Small Oval Guide . . . . .	2.75
240	Metric Circle . . . . .	1.10	1011	Large Oval Guide . . . . .	2.75
540	Decimal Circle . . . . .	2.20	1012	Square Guide . . . . .	3.30
900	Lettering Set (3) . . . . .	4.40	1013	Heart & Cross . . . . .	2.20
	Separately, each . . . . .	1.65	1014	Brilliant Guide . . . . .	3.85
925	Lettering Aid . . . . .	1.65		Handy Template Folio . . . . .	.25



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